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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/702,483	10/31/2000	Daniel Guy Stephens JR.	191406-1010	9819

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EXAMINER

KLIMACH, PAULA W

ART UNIT PAPER NUMBER

2131

DATE MAILED: 12/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/702,483

Applicant(s)

STEPHENS ET AL.

Examiner

Paula W Klimach

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-51 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-51 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5. 6) ☐ Other: _____

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities:

Page 2 line 17 reads "...Internet..." should read "Internet"

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-23 and 25-51 are rejected under 35 U.S.C. 102(e) as being anticipated by Frailong et al (6,230,194).

In reference to claim 1, Frailong suggests a secure system for configuring remote networked devices and gateway servers, comprising: an administration machine comprising a device configured to create, update and maintain a collection of configuration data, the administration machine further comprising a storage device configured to store the configuration data, the administration machine further comprising a process to retrieve the configuration data from the storage device, compress and encrypt the configuration data to produce an encrypted file, the administration machine further comprising a network interface configured to interface with a network and transmit the encrypted file (column 5 lines 15-32); a remote email server configured to receive the encrypted file from the administration machine and store the (part 204

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Fig. 2, column 5 lines 45-51) encrypted file (column 18 lines 25-33); and a gateway server configured to retrieve the encrypted file from the email server, the gateway server comprising a network interface configured to receive the encrypted file, the gateway server further comprising a storage device to store the encrypted file, the gateway server further comprising a process to retrieve the encrypted file from the storage device and decrypt the encrypted file to produce decrypted configuration data and reconfigure the gateway server according to the configuration data (column 5 lines 58 to column 6 line 18 in combination with column 18 lines 25-28).

In reference to claim 2, a secure system for communicating with devices, comprising: a central server having at least one file (column 5 lines 8-10 in combination with lines 16-18); and at least one initialized device configured to retrieve the file from the central server in response to a polling of the central server by the at least one initialized device (Fig. 10 step 1006 in combination with column 15 lines 24-29).

In reference to claim 3, wherein the central server is a mail server (Part 204 Fig 2, column 5 lines 45-51).

In reference to claim 4, wherein the mail server is an accessible email server (column 5 lines 45-51).

In reference to claim 5, wherein the at least one file includes configuration data (column 5 lines 23-25).

In reference to claim 6, wherein the at least one initialized device is further configured to reconfigure system parameters of the at least one device according to the configuration data (column 5 lines 41-56).

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In reference to claim 7, wherein the at least one initialized device is a gateway server (column 5 lines 41-45).

In reference to claim 8, further comprising a local area network (LAN) connected to the gateway server (column 6 lines 50-54 and column 4 lines 58-67).

In reference to claim 9, wherein the system parameters include host configuration (column 17 lines 52-55).

In reference to claim 10, wherein the system parameters include device setup configuration (column 17 lines 50-52).

In reference to claim 11, wherein the system parameters include domain name system (DNS) management configuration (column 10 lines 28-31).

In reference to claim 12-19, wherein the system parameters include configuration of firewall object, firewall rule, firewall status, email setup, user setup, group setup, file share device operating statistics configuration (column 5 lines 29-32).

In reference to claim 20, wherein the configuration data is an encrypted file (column 18 lines 25-34).

In reference to claim 21, wherein the at least one initialized device is further configured to decrypt and authenticate the encrypted file (column 18 line 25 to column 20 line 13).

In reference to claim 22, wherein the at least one initialized device further comprises: a network interface configured to receive the encrypted file (column 18 lines 25-33); a storage device configured to store the encrypted file (column 5 lines 33-35); and a processor configured to retrieve the encrypted file from the storage device and decrypt the encrypted file to produce decrypted configuration data (column 15 lines 38-40).

In reference to claim 23, wherein the at least one initialized device is a networked device or gateway server (column 14 lines 63-65).

In reference to claim 25 and 26, wherein the polling of the central server is done on a predetermined, random or requested schedule or periodically. The remote manager sends a notification to the gateway interface when an upgrade is required (column 15 lines 24-29). This is a way of polling the by the central server. It is a design choice if the polling is done in a predetermined time, a random time or on schedule.

In reference to claim 27, further comprising an administration machine configured to create the at least one file and securely transmit the at least one file to the central server (column 5 lines 23-26 and lines 41-45).

In reference to claim 28, further comprising a local area network (LAN), WAN, Internet or modem connected to the administration machine (Fig. 2 column 12 lines 26-29).

In reference to claim 29, wherein the administration machine further comprises: a firewall configured to prevent unauthorized access to the administration machine (column 18 lines 25-28); a network interface configured to interface the administration machine with a network (Fig 2 connects to internet in combination with column 12 lines 26-29); an input device configured to receive user instructions to edit at least one file; a storage device configured to store the at least one file (column 12 lines 9-13); and a processor configured to retrieve the at least one file from the storage device and encrypt the at least one file, the processor further configured to transmit the encrypted file (column 15 lines 6-15).

In reference to claim 30, wherein the administration machine further comprises a remote configuration port configured to receive at least one file from a workstation on the local area network (LAN) (column 12 lines 48-52).

In reference to claims 31 and 41, a method for securely configuring remote networked devices, comprising the steps of: retrieving configuration data from a staging platform (column 12 lines 48-52); and reconfiguring a networked device according to the configuration data in response to the retrieving step (column 12 lines 9-13).

In reference to claims 32 and 42, further comprising the steps of: creating a configuration database (column 8 lines 21-23); encrypting data from the configuration database to produce an encrypted file (column 15 lines 12 to 15); transmitting the encrypted file (column 15 lines 16-19); and storing the encrypted file on a central server (column 15 lines 21-23).

In reference to claims 33 and 45, further comprising the step of polling a central server (column 16 lines 36-46).

In reference to claims 34 and 43, further comprising the step of notifying an administration machine in response to the reconfiguring step (column 16 lines 36-40).

In reference to claims 35 and 44, further comprising the step of decrypting the encrypted file to produce decrypted configuration data (column 15 lines 38-40).

In reference to claim 36, wherein the reconfiguring step is further in response to the decrypting step (column 15 lines 43-45).

In reference to claim 37, wherein the retrieving step is responsive to a polling of a central server (column 15 lines 43-63).

In reference to claim 38, 39, 46 and 47, wherein the polling is done on a predetermined schedule or periodically. The remote manager sends a notification to the gateway interface when an upgrade is required (column 15 lines 24-29). This is a way of polling the by the central server. It is a design choice if the polling is done in a predetermined time, a random time or on schedule.

In reference to claims 40 and 51, wherein the networked device is a gateway server (column 15 lines 64-66).

In reference to claims 48-50, wherein the retrieving step is responsive to the polling step (Fig 10 part 1016).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Frailong as applied to claim 2 above, and further in view of Walker et al (6,110,041).

Frailong does not expressly disclose the initialized device being an automatic teller machine.

Walker discloses the initialized device being an automatic teller machine (column 2 lines 36-41 in combination with column 9 lines 26-35)

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to use a central server to configure automatic teller machines. One of ordinary

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skill in the art would have been motivated to do this because it would eliminate the need for users or operators to manually enter information during each and every session to configure the terminal (column 9 lines 33-35).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paula W Klimach whose telephone number is (703) 305-8421.

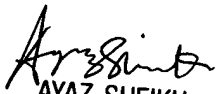
The examiner can normally be reached on Mon to Thr 9:30 a.m to 5:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (703) 305-9648. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-8421.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4832.

PWK

Thursday, November 06, 2003


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100